

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification to existing traffic control signal at the intersection of MD 198 and Whiskey Bottom Road/Annapolis Road in Anne Arundel County, Maryland. MD 198 is considered to run in an east/west direction.

II. INTERSECTION OPERATION

The intersection phasing is to be modified to operate in a NEMA six (6) phase, full-traffic-actuated mode. The existing phasing will be modified to be exclusive left turn phases for both the east and westbound movements of MD 198. The MD 198 through movements will operate concurrently. The Whiskey Bottom Road/ Annapolis Road through movements will operate concurrently.

The existing cabinet/ controller will be utilized.

CONTACT LIST

The contact persons for District #5 are as follows:

Ms. Kim Tran  
Assistant District Engineer - Traffic  
410-841-1019

Mr. Mark Coblenz  
Assistant District Engineer - Utility  
410-841-1031

Mr. Chuck E. George  
Assistant District Engineer - Maintenance  
410-841-1013

Mr. Richard L. Daff  
Chief, Traffic Operations Division  
410-787-7630

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B1. Equipment to be furnished and installed by the Contractor.  
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
4	EA	814	12 in., one-way, three section (R,Y,G) adjustable black faced traffic signal head with span wire mounting hardware and tunnel visors.
4	EA	814	12 in., one-way, three section (R,Y,G) adjustable black faced traffic signal head with span wire mounting hardware, and tunnel visors.
2	EA	813	30 in. X 36 in. R-3-5(L) sign with span wire mounting hardware.
2	EA	813	24 in. x 30 in. R 10-5 sign with span wire mounting hardware.

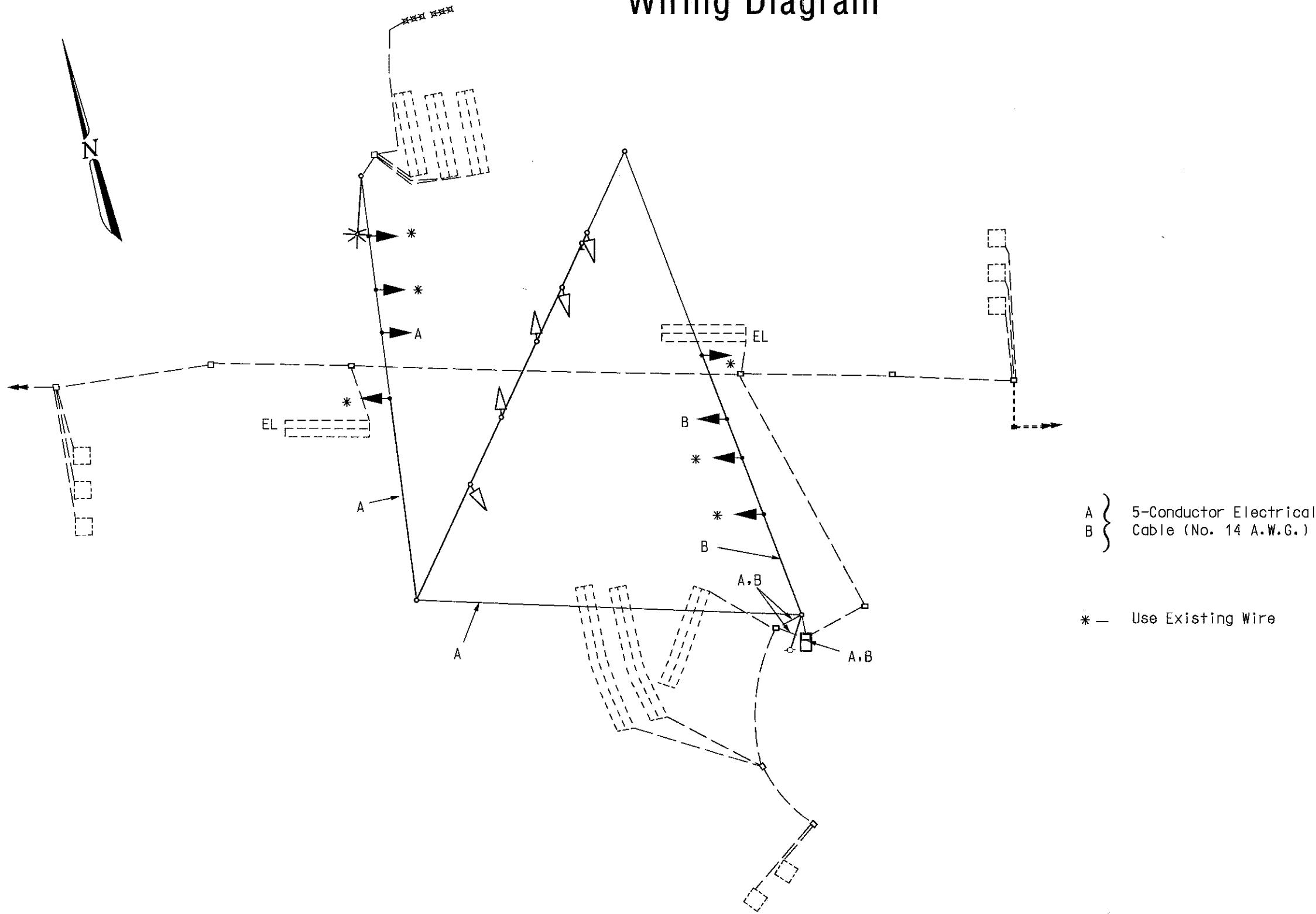
B2. Equipment to be furnished and/or installed by the Contractor.  
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
325	LF	810	5-conductor electrical cable (No. 14 A.W.G.).
Lump Sum	LS	---	Remove and salvage existing signal heads.
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

Phase Chart

	1+2	3+4	5+6	7+8	9-11	12+13
Phase 1 & 5		R		R	R	R
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6						
Phase 1 & 6		G		R	R	R
1 Change		Y		R	R	R
Phase 2 & 5		R		G	R	R
5 Change		R		Y	R	R
Phase 2 & 6		G		G	R	R
2 & 6 Change		Y		Y	R	R
Phase 4 & 8		R		R	G	G
4 & 8 Change		R		R	Y	Y
Flashing Operation		FL/Y		FL/Y	FL/R	FL/R

Wiring Diagram



Revision "D"

The Traffic Group  
The Traffic Group, Inc.  
410-931-6600  
Fax 410-931-6601

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
(General Information Plan)  
MD 198 at Whiskey Bottom Rd./  
Old Annapolis Rd.

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. GI-1893-D
CHECKED BY:	S.H.A. NO. BW996M82	
SCALE: N/A	COUNTY: Anne Arundel	T.I.M.S. NO. H-001
DATE: March 18, 2005	LOG MILE: 02019801.12	

SHEET NO. 2 OF 2

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